Amendments to the Claims

1. (Currently Amended) A ~~controlling~~ method for controlling a CCD camera comprising the steps of:

detecting illumination levels in a certain space to be photographed;

generating digital image data corresponding to the detected illumination levels;

dividing the digital image data into plural cell regions;

comparing the detected illumination levels for each cell region to a previously determined standard illumination level; and

switching a photographing mode of a camera on the basis of the comparison result.

2. (Canceled).

3. (Currently Amended) The method of claim ~~2~~ 1, wherein, in the comparing step, it is determined whether the illumination level of each cell region is higher than the standard illumination level.

4. (Currently Amended) The method of claim ~~2~~ 1, wherein the step of switching the photographing mode of the camera comprises the sub-steps of:

counting the number of cell regions having a detected illumination level less than the standard illumination level;

determining whether the thusly counted number of cell regions is greater than a certain percentage of the total number of cell regions; and

switching the photographing mode of the camera on the basis of the determination.

5. (Currently Amended) The method of claim 1, wherein the step of switching the photographing mode of the camera switches the photographing mode of the camera to a daytime mode or a nighttime mode on the basis of the results of the ~~determination~~ determining step.

6. (Original) The method of claim 1, wherein the photographing mode of the camera is switched to a nighttime mode in case the number of cell regions having a lower illumination level than the standard illumination level is greater than a certain percentage of the total number of cell regions.

7. (Original) The method of claim 1, wherein the photographing mode of the camera is switched to a daytime mode in case the number of cell regions having lower illumination level than the standard illumination level is less than a certain percentage of the total number of cell regions.

8. (Original) A method of controlling a photographing mode of a camera, comprising the steps of:

dividing a photographing area into a plurality of cell regions;

detecting an illumination level of each cell region; ~~and~~

switching the photographing mode of the camera on the basis of the determining whether the detected illumination levels of each cell region is higher than a previously determined standard illumination level.

9. (Currently amended) The method of claim 8, further comprising ~~wherein~~ switching ~~of~~ the photographing mode of the camera ~~is~~ on the basis of

determining whether the illumination level of each cell region is higher than a previously determined standard illumination level.

10. (Currently Amended) The method of claim 8, wherein the step of switching the photographing mode of the camera comprises the sub-steps of:

counting the number of cell regions among all the cell regions having a lower illumination level than ~~the~~ a previously determined standard illumination level;

determining whether the counted number of cell regions is higher than a certain percentage of the total number of cell regions; and

switching the photographing mode of the camera on the basis of the determination.

11. (Currently Amended) The method of claim 8, wherein the photographing mode of the camera is switched on the basis ~~of~~ comparing the detected illumination levels and the previously determined standard illumination level.

12. (Currently Amended) The method of claim 8, wherein the photographing mode of the camera ~~is switched into either~~ comprises a daytime mode ~~or~~ and a nighttime mode.

13. (Currently Amended) The method of claim 8, ~~wherein~~ further comprising switching the photographing mode of the camera ~~is switched~~ into a nighttime mode in case the number of cell regions having a lower illumination level than the previously determined standard illumination level is greater than a

certain percentage of the total number of cell regions.

14. (Currently Amended) The method of claim 8, ~~wherein further comprising switching~~ the photographing mode of the camera ~~is switched~~ into a daytime mode in case the number of cell regions having lower illumination level than ~~the~~ a previously stored standard illumination is less than a certain percentage of the total number of cell regions.

15. (Currently Amended) A method of controlling a photographing mode of a camera, comprising the steps of:

dividing a photographing area into a plurality of cell regions and detecting an illumination level of each cell region;

determining whether the detected illumination level of each cell region is greater than ~~the~~ a previously determined standard illumination level;

counting the number of the cell regions having a lower illumination level than the standard illumination level;

determining whether the counted number is greater than a certain percentage of the total number of cell regions; and

switching the photographing mode of the camera on the basis of the determination.

16. (Currently Amended) The method of claim 15, ~~wherein further comprising switching~~ the photographing mode of the camera ~~is switched~~ to a daytime mode or nighttime mode on the basis of the determination.

17. (Currently Amended) The method of claim 15, ~~wherein~~ ~~further~~ ~~comprising switching~~ the photographing mode of the camera ~~is switched~~ to a nighttime mode in case the number of the cell regions having a lower illumination level than the standard illumination level is higher than the certain percentage.

18. (Currently Amended) The method of claim 15, ~~wherein~~ ~~further~~ ~~comprising switching~~ the photographing mode of the camera ~~is switched~~ to a daytime mode in case the number of the cell regions having a lower illumination than the standard illumination is lower than the certain percentage.

19. (Currently Amended) A method of controlling a photographing mode of a camera, comprising the steps of:

dividing a photographing area into a plurality of cell regions and detecting the illumination of each cell region;

determining whether the illumination of each cell region is greater than a previously determined standard illumination value;

counting the number of the cell regions having a lower illumination than the standard illumination value;

determining whether the counted number of cell regions is greater than a certain percentage of the total number of cell regions; and

switching the photographing mode of the camera on the basis of the ~~determination~~ ~~results of the determining step~~.

20. (Original) The method of claim 19, wherein the cell regions divide the photographing area at regular intervals.

21. (Currently Amended) The method of claim 19, ~~wherein~~ further comprising uniformly averaging the illumination of the cell regions ~~is uniformly averaged~~ regardless of the position of the cell regions.

22. (Currently Amended) The method of claim 19, ~~wherein~~ further comprising selecting the nighttime mode ~~is selected~~ in case the counted number is higher than the certain percentage.

23. (Currently Amended) The method of claim 19, wherein ~~in~~ the photographing mode comprises a nighttime mode in which the camera does not use an optical low pass filter.

24. (New) A CCD camera comprising:

means for detecting illumination levels in a certain space to be photographed;

means for generating digital image data corresponding to the detected illumination levels;

means for dividing the digital image data into plural cell regions;

means for determining the average detected illumination using the digital image data in the plurality of regions;

means for comparing the detected illumination levels for each cell region to a previously determined standard illumination level; and

means for switching a photographing mode of a camera on the basis of the

comparison result.

25. (New) A camera having a photographing mode, comprising:

means for dividing a photographing area into a plurality of cell regions;

means for detecting an illumination level of each cell region;

means for switching the photographing mode of the camera on the basis of the detected illumination levels; and

switching the photographing mode of the camera on the basis of determining whether the illumination level of each cell region is higher than a previously determined standard illumination level.

26. (New) A camera having a photographing mode, comprising:

means for dividing a photographing area into a plurality of cell regions and detecting the illumination of each cell region;

means for determining whether the illumination of each cell region is greater than a previously determined standard illumination value;

means for counting the number of the cell regions having a lower illumination than the standard illumination value;

means for determining whether the counted number of cell regions is greater than a certain percentage of the total number of cell regions; and

means for switching the photographing mode of the camera on the basis of the determination.